



PIONEER

**Radial Bond & V.D.L.,
Gamma-Ray & C.C.L. Log**

Pioneer Wireline Services

Company Anadarko Petroleum Corporation

Well Dreiling 27C-32HZ
Field Wattenberg
County Weld State Colorado

Company **Anadarko Petroleum Corporation**
Well **Dreiling 27C-32HZ**
Field **Wattenberg**
County **Weld** State **Colorado**

Location: API # : 05123384040000 Other Services
687' FSL & 280' FEL
SEC 32 TWP 2N RGE 65W
Permanent Datum GL Elevation 4924'
Log Measured From KB
Drilling Measured From KB
Elevation 4937'
D.F. 4938'
G.L. 4924'

Date of Service	2-6-14		
Run Number	ONE		
Depth Driller or PBTD	7709'		
Depth Logger	6832'		
Bottom Log Interval	6832'		
Top Log Interval	SURFACE		
Open Hole Size	8.75"		
Type Fluid	WATER		
Fluid Level	SURFACE		
Fluid Density	NA		
Max. Recorded Temperature	220		
Max. Wellhead Pressure	2300#		
Wellhead Connection	10K 7/16 Flange		
Estimated Cement Top	796'		
Unit Number	9605		
Wireline Size	9/32		
Location	Fort Morgan		
Recorded By	John Hollis		
Witnessed By	Mr. Edgar Chavez		
	Size	WMFt	Top
Tubing Record			Bottom
Surface Casing			
Production Casing	7"	26#	Surface
Liner Record			7835'

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services will not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Pioneer Wireline Services's general terms and conditions set out in our current Price Schedule.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
S.O.# 2-204565

Corrected to liner top

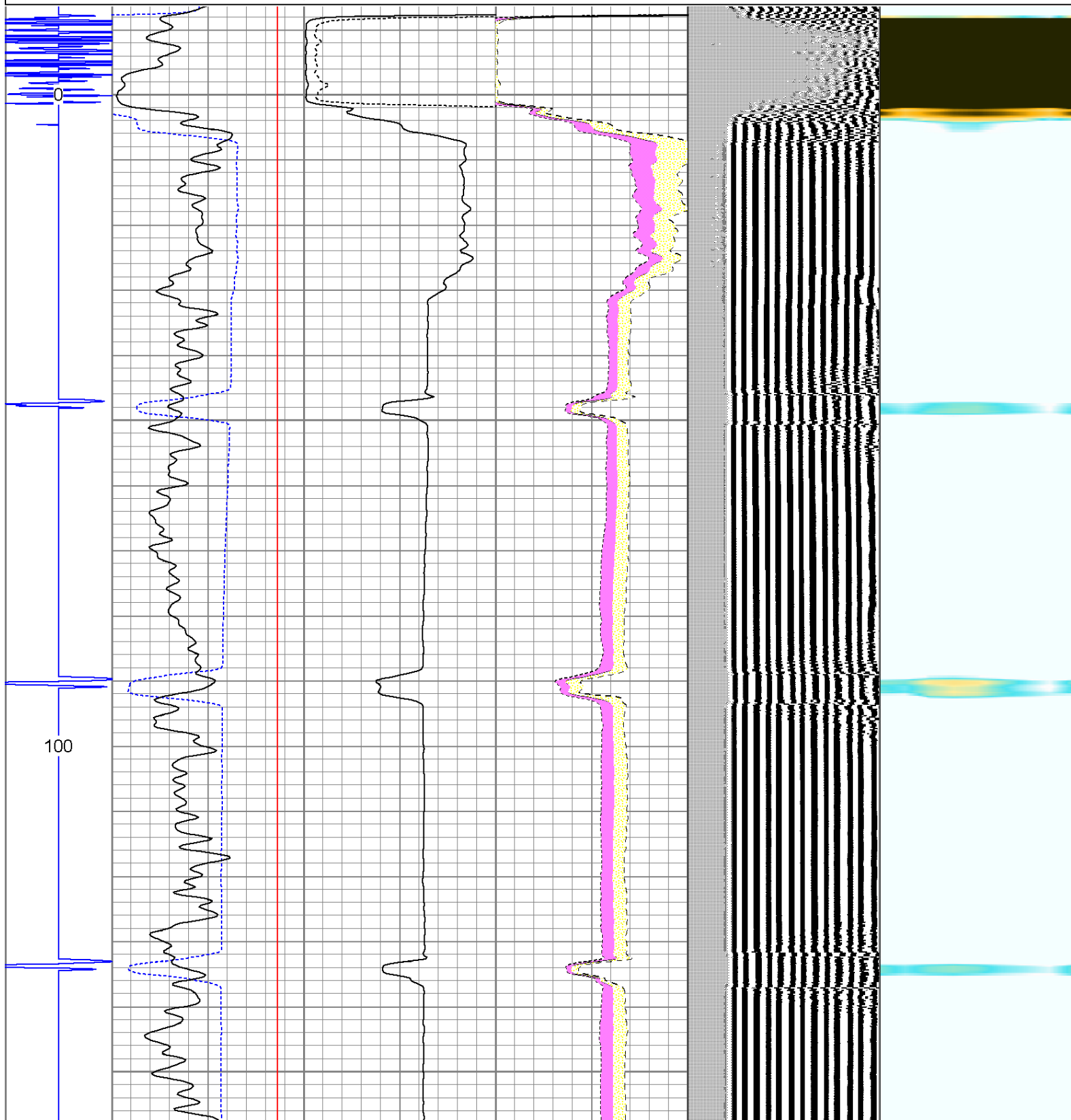
WCR 14 & WCR 41, North .2, West into

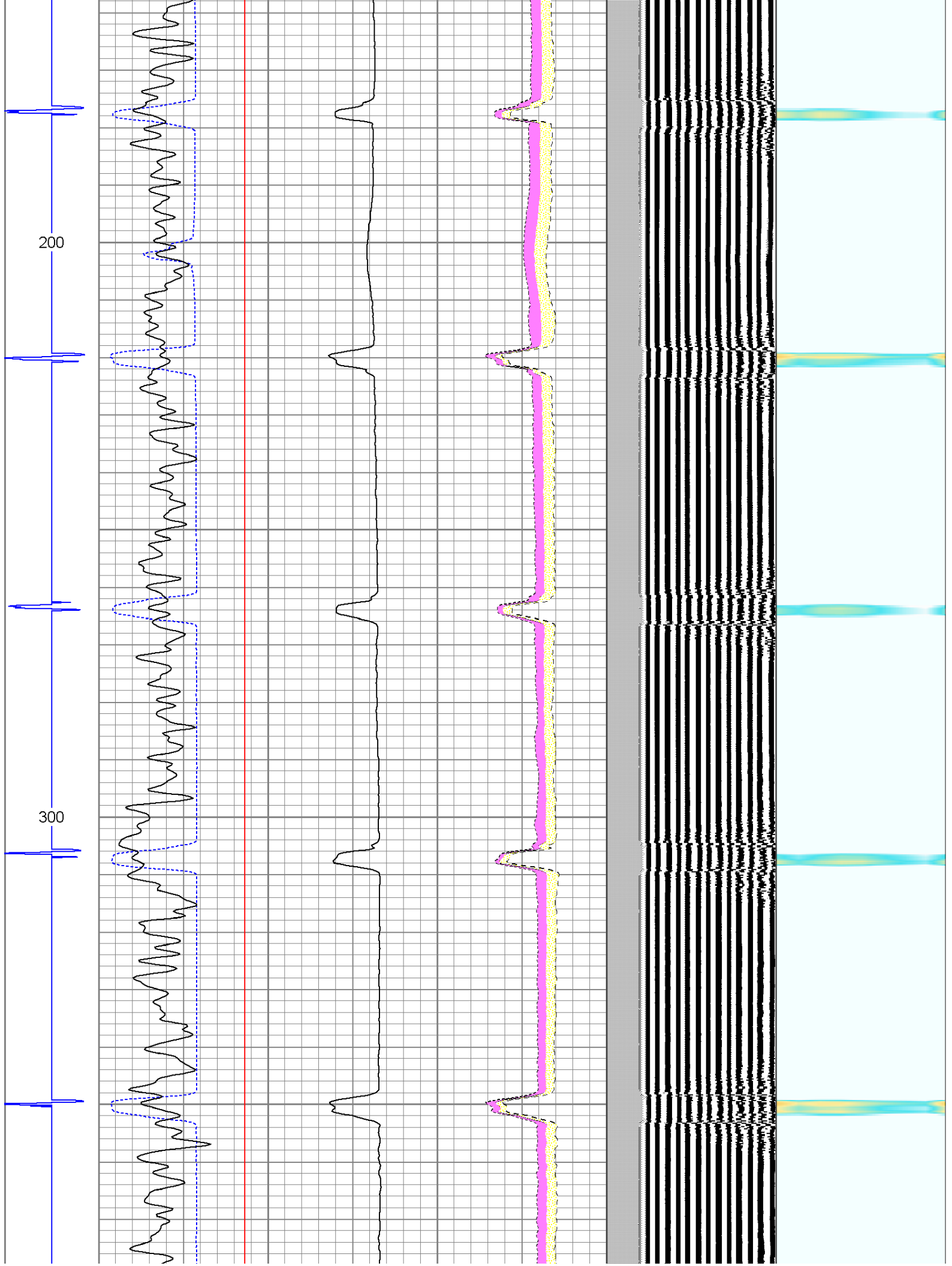
THANK YOU FOR USING PIONEER WIRELINE SERVICES

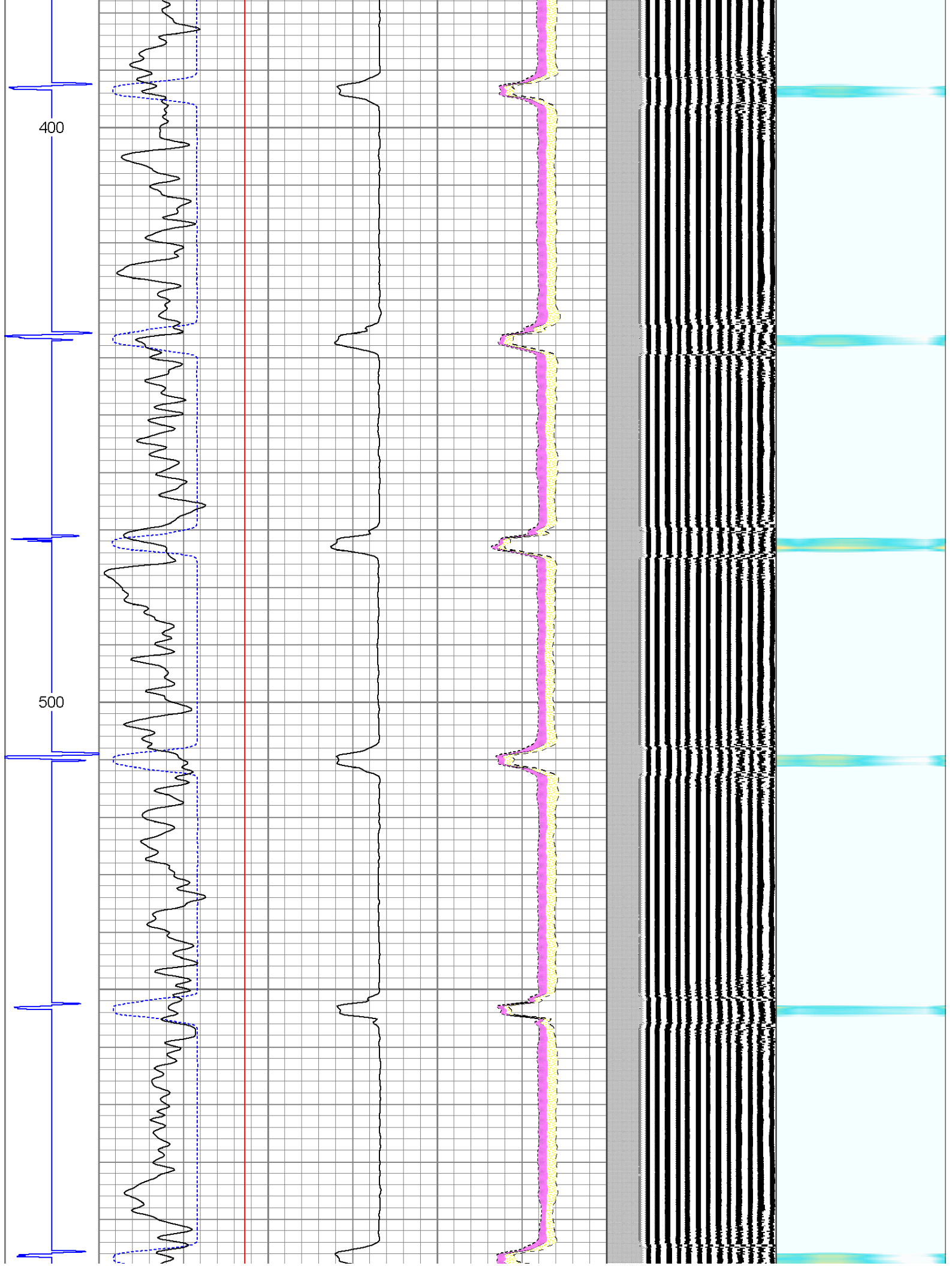
Your Pioneer Wireline Services Crew	Tool Data - Services	Serial Number
Engineer: Nathan Bivens Operator: John Hollis Operator: Todd Krein Operator:		

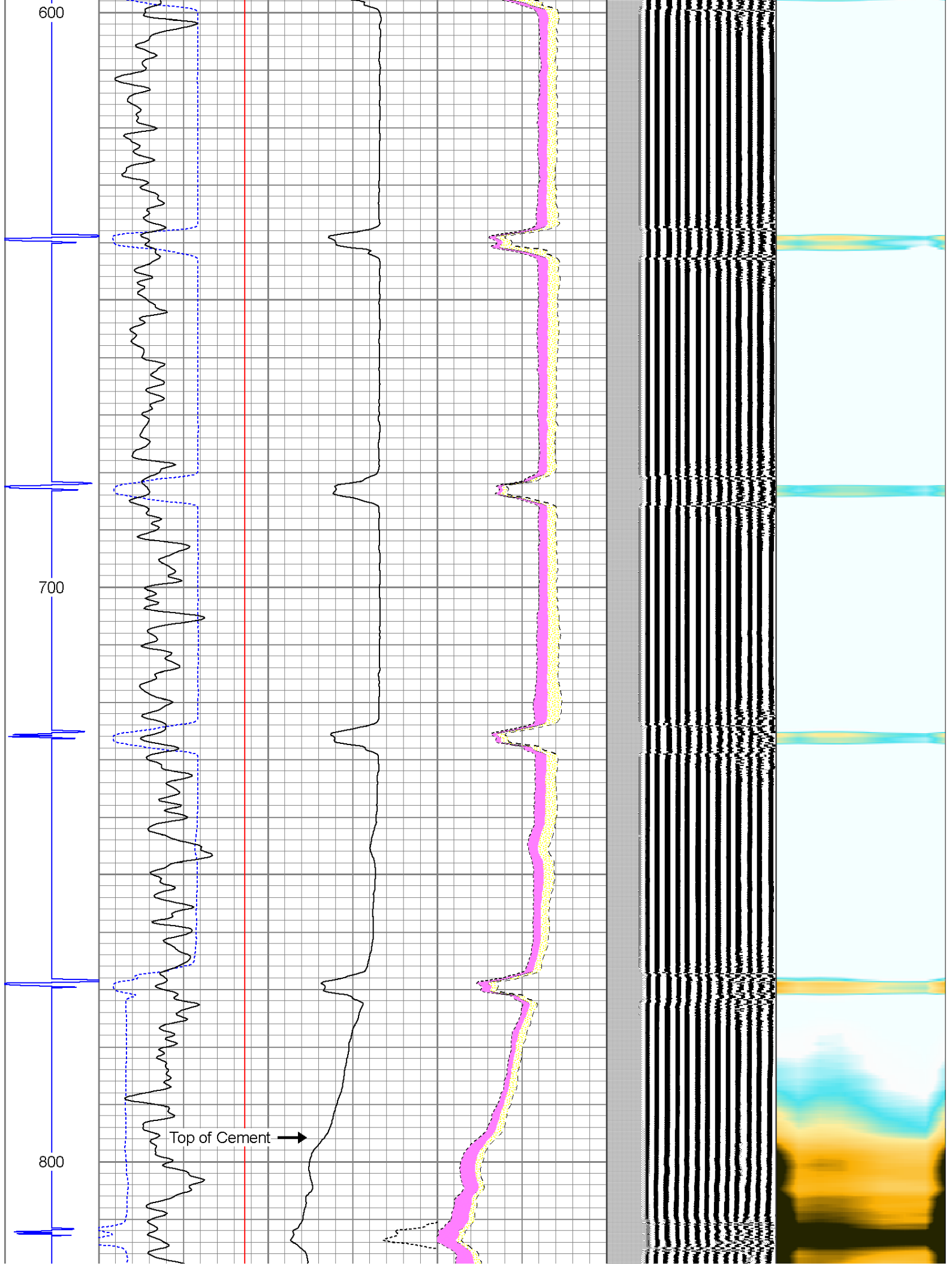
Database File: 05123384040000_dreiling_27c-32hz.db
Dataset Pathname: pass4
Presentation Format: scbl02
Dataset Creation: Thu Feb 06 09:58:41 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

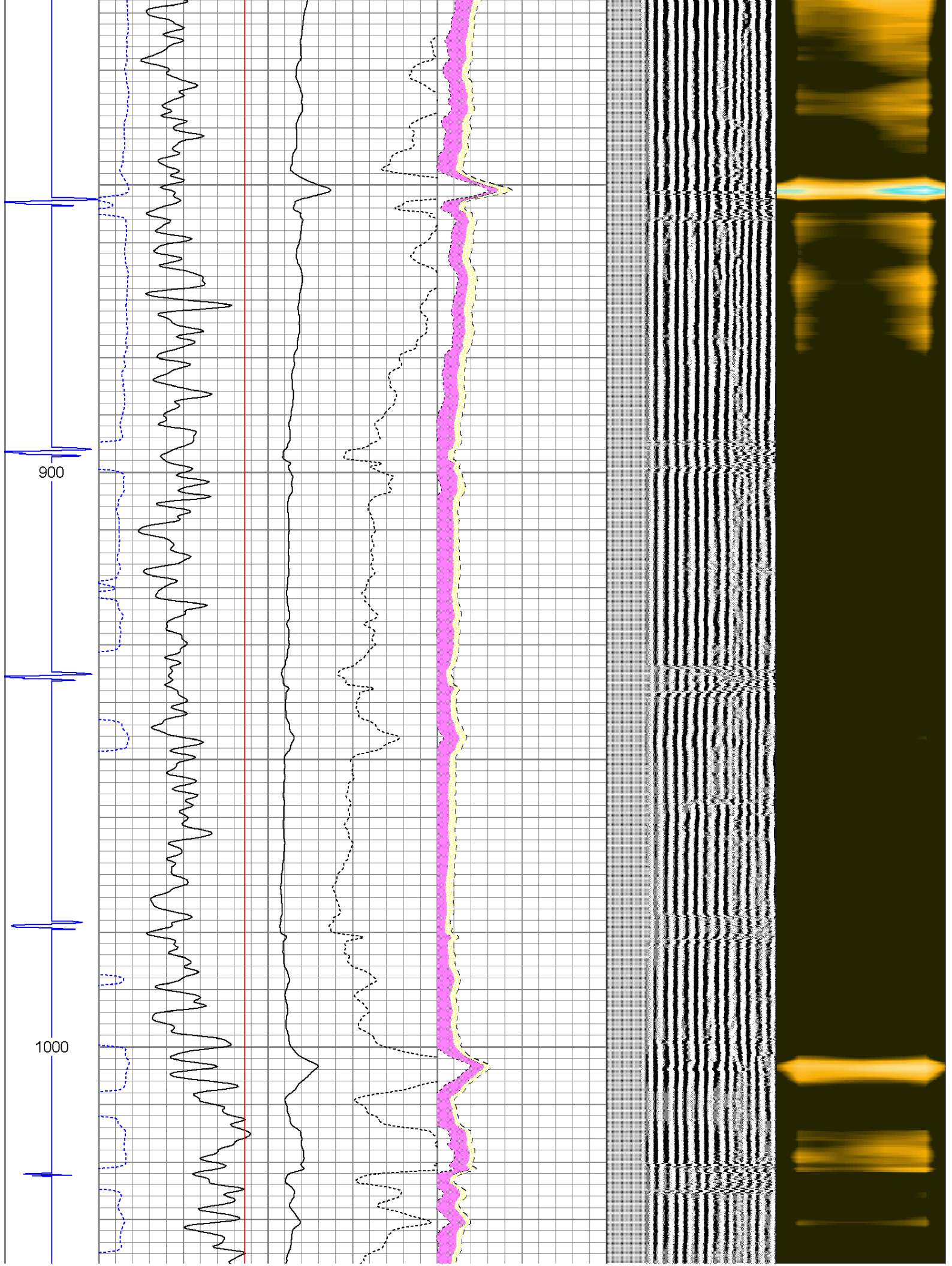
5	CCL	-5	362	TT (usec)	262	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
			0	GR (GAPI)	150	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
			TEMPERATURE						0	AMPMIN	150						
			50	(degF)	250												

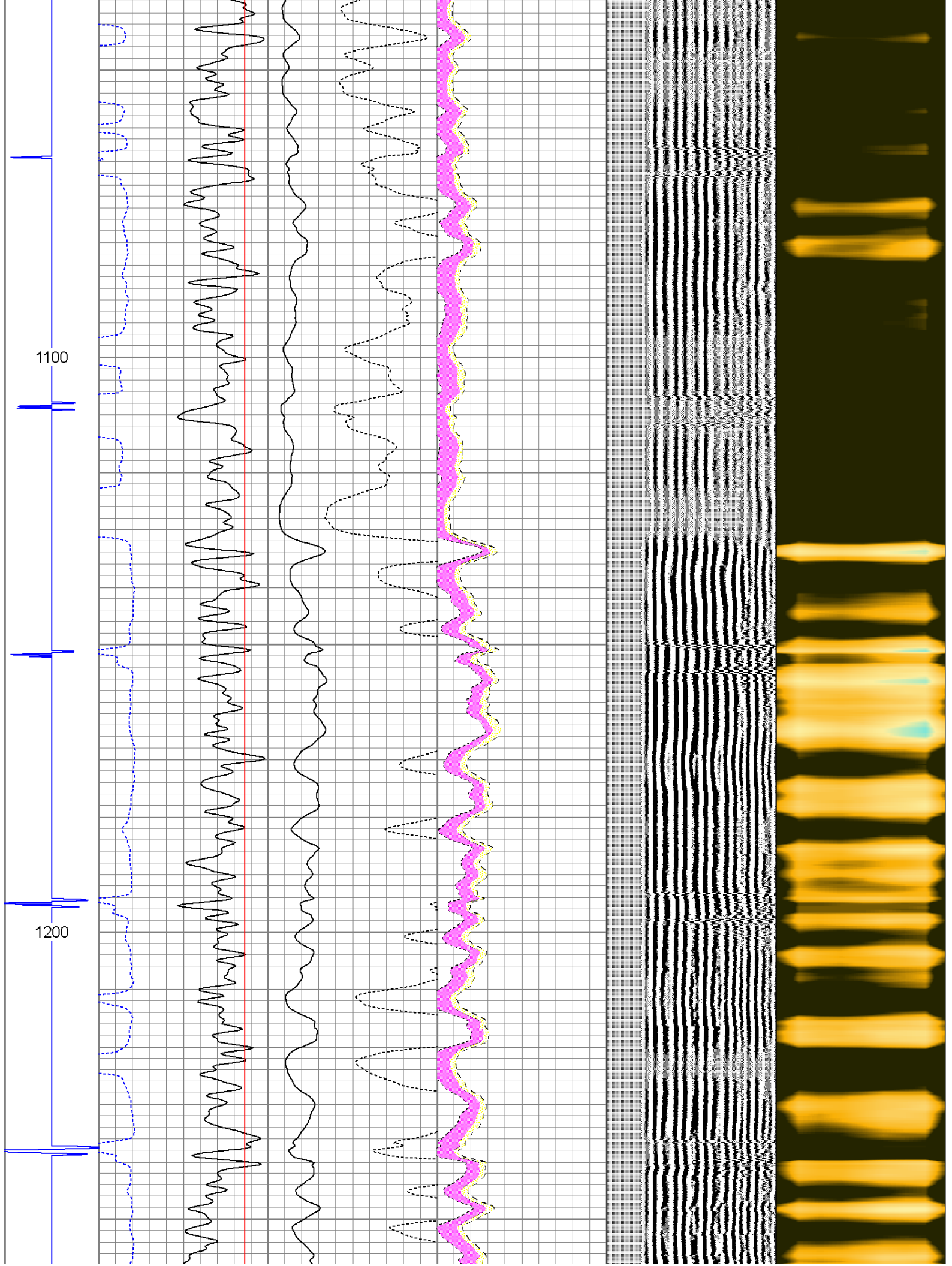


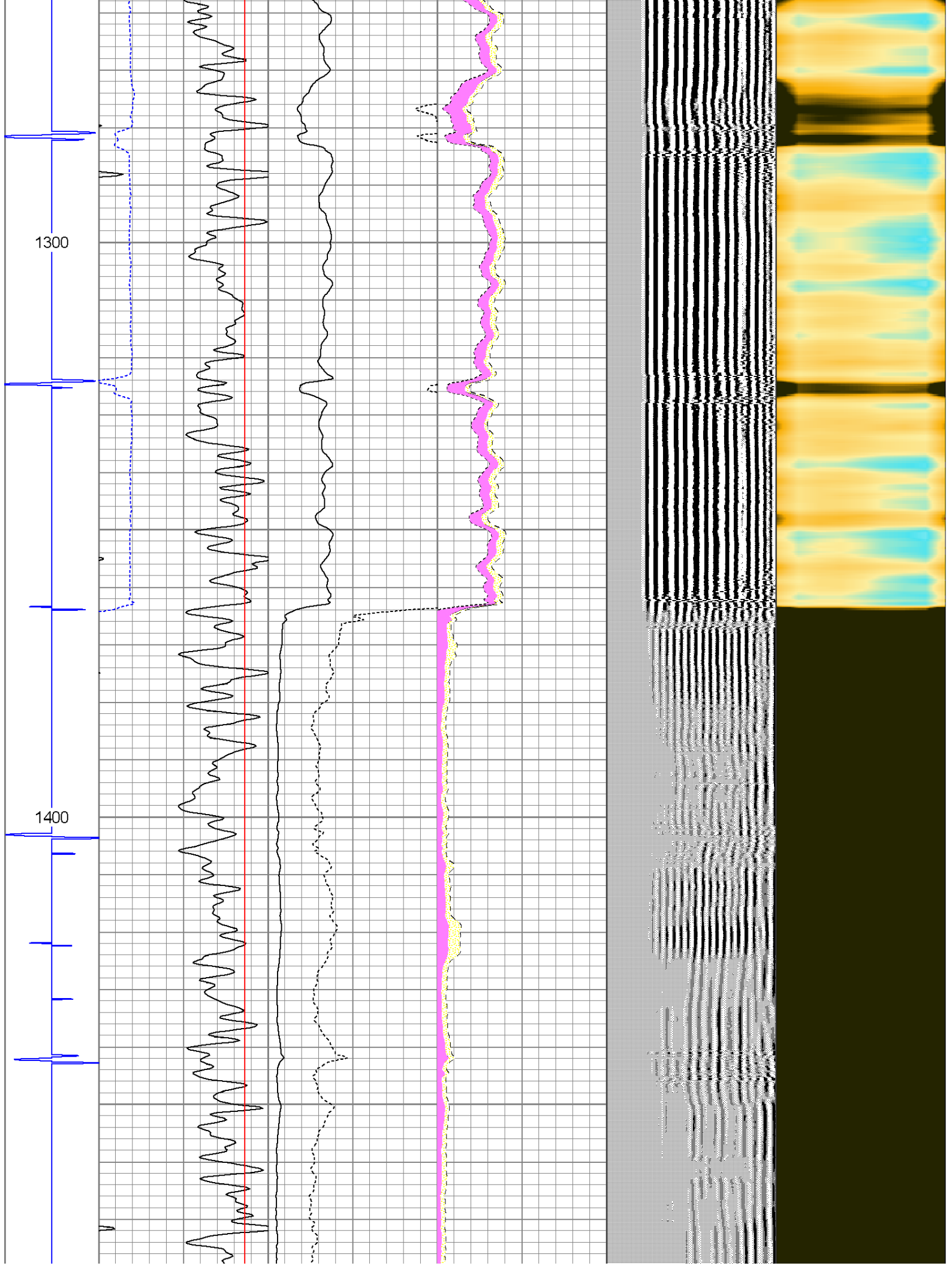


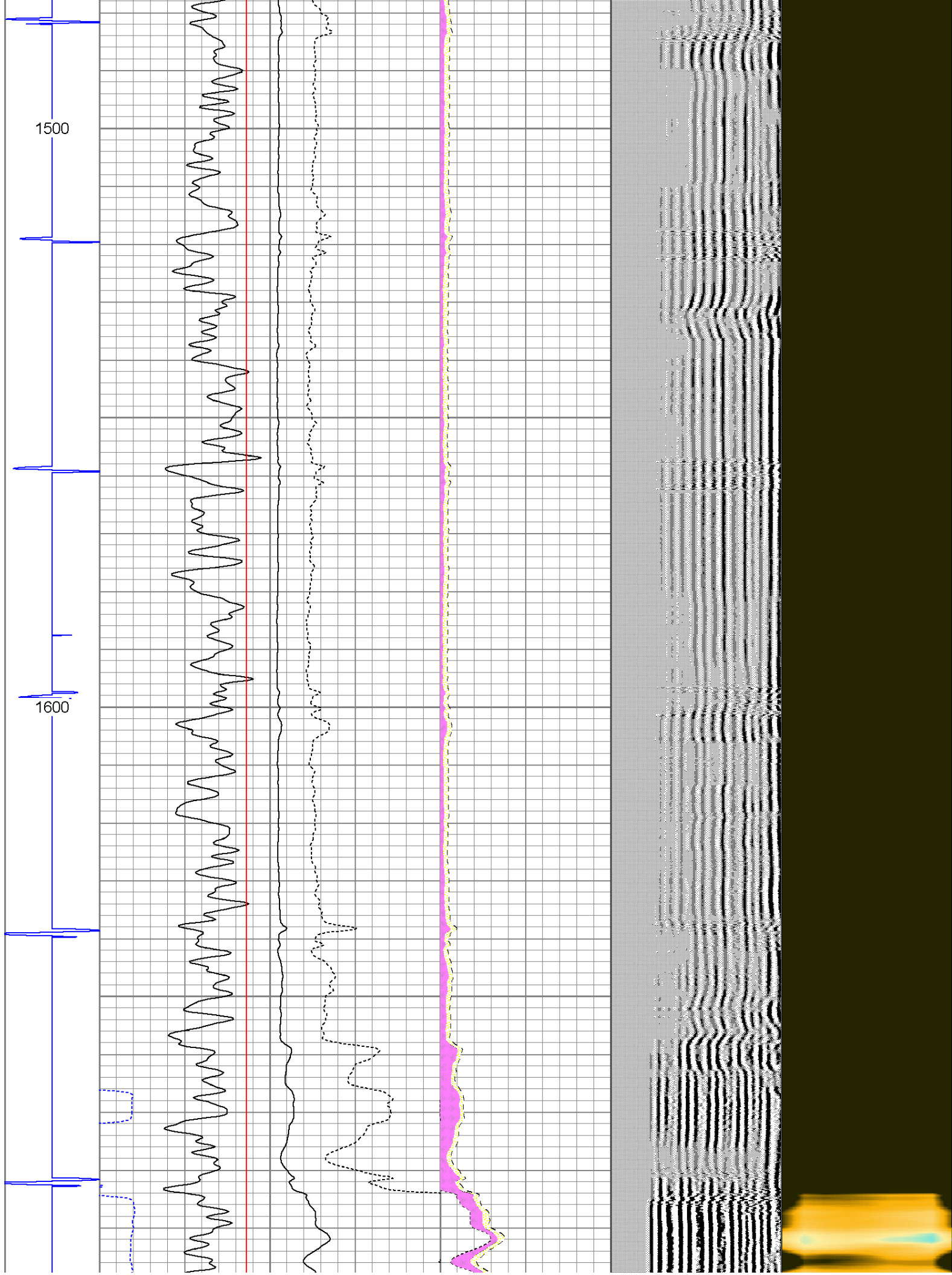


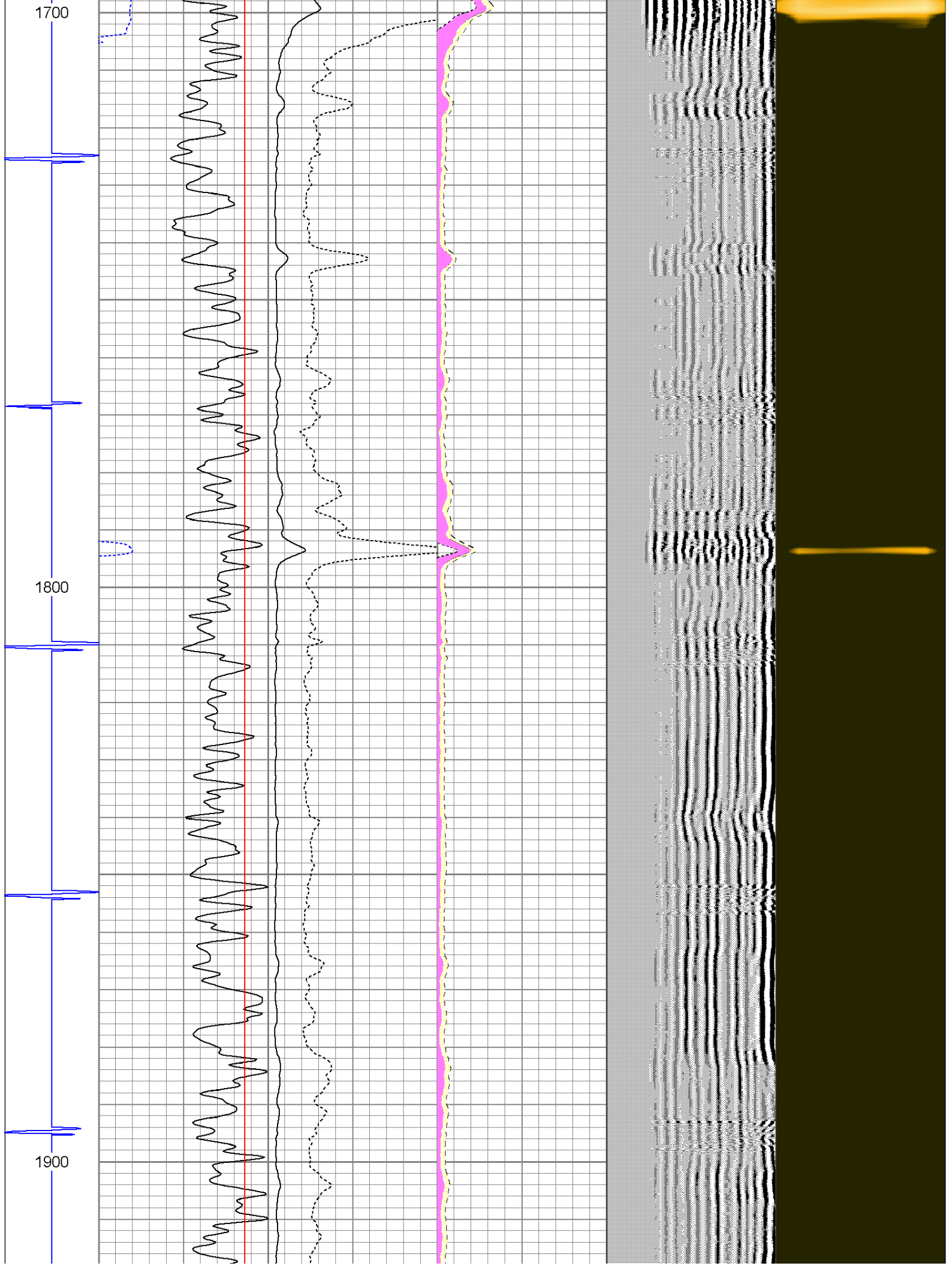


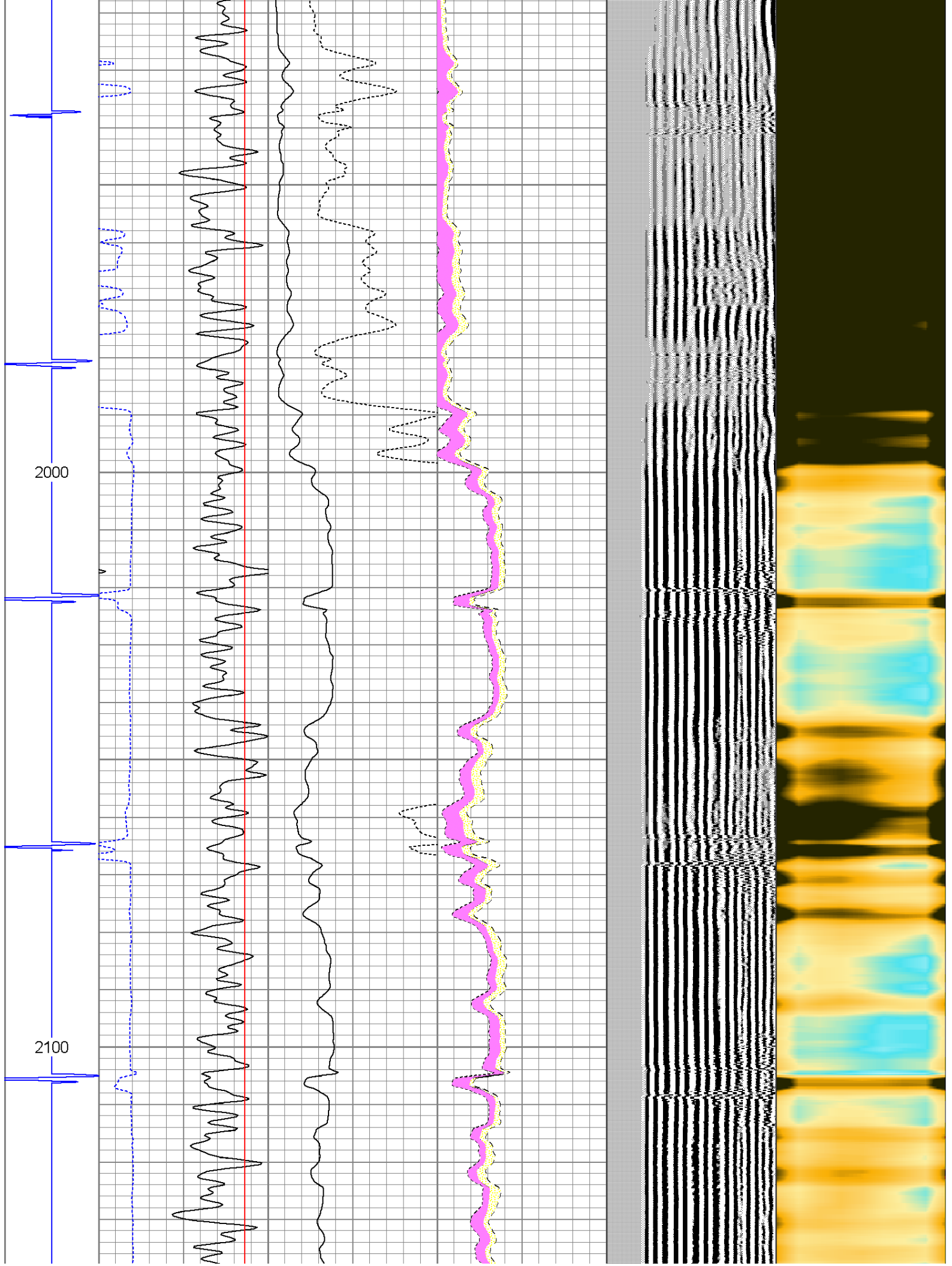


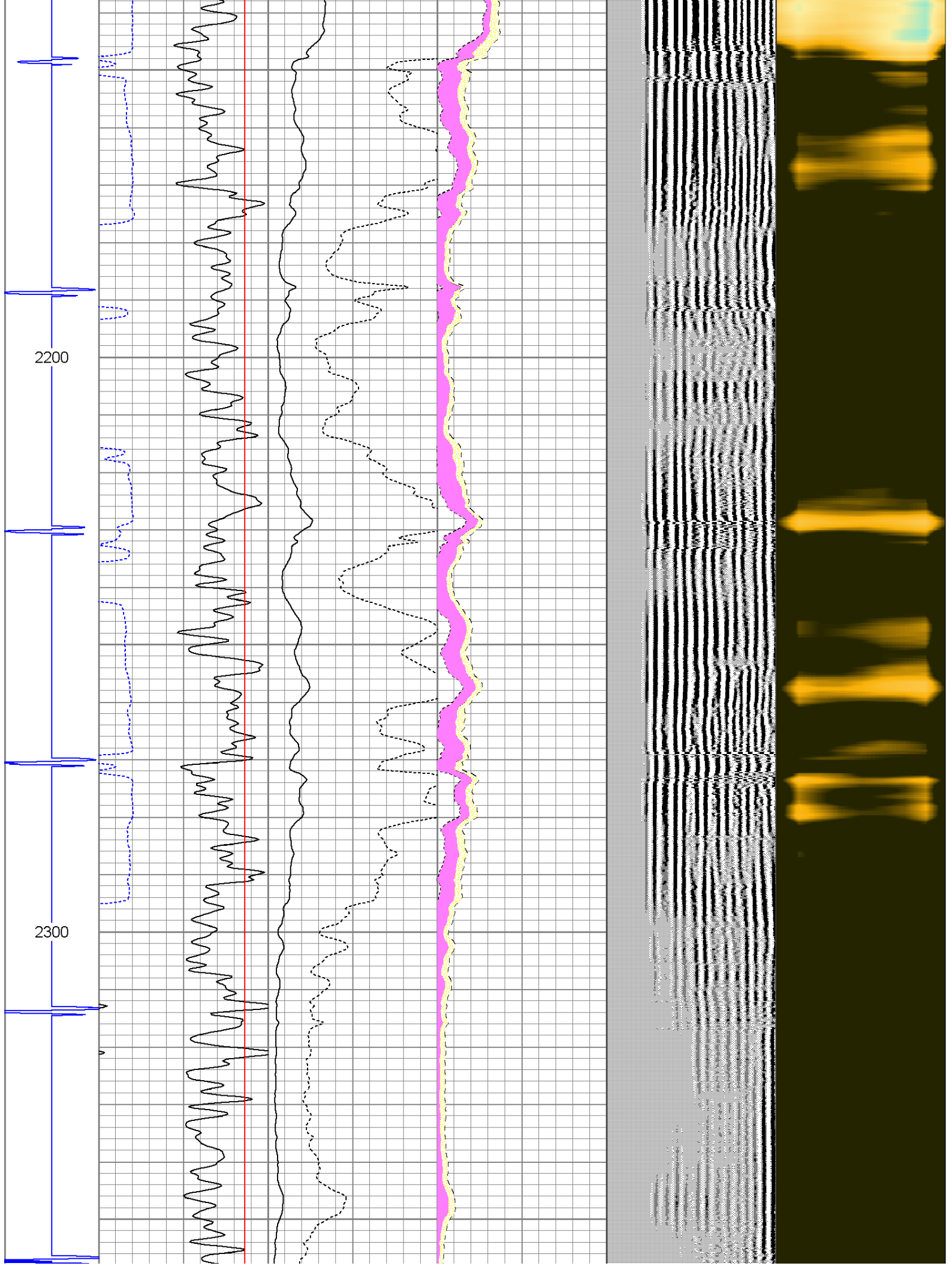


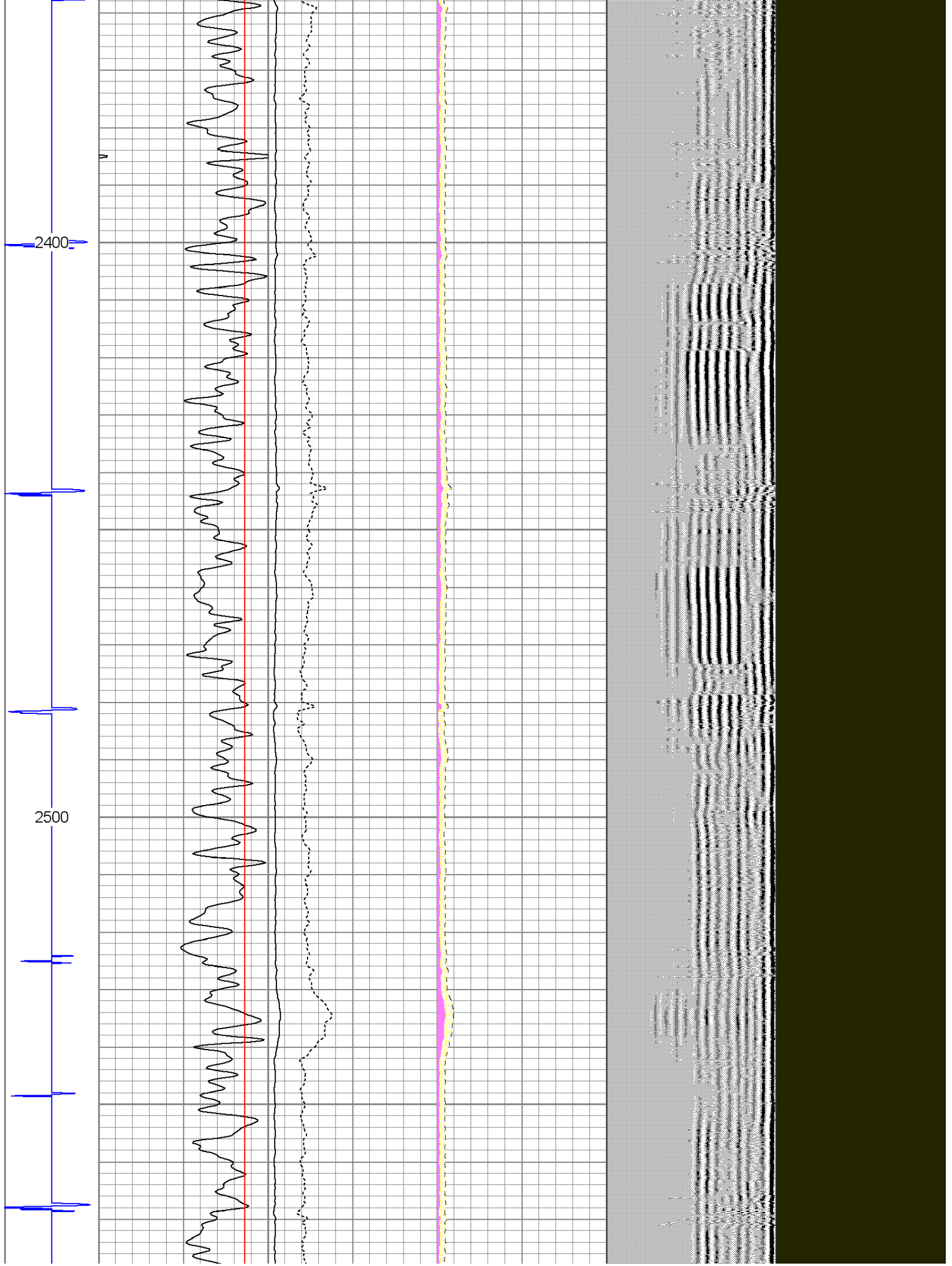


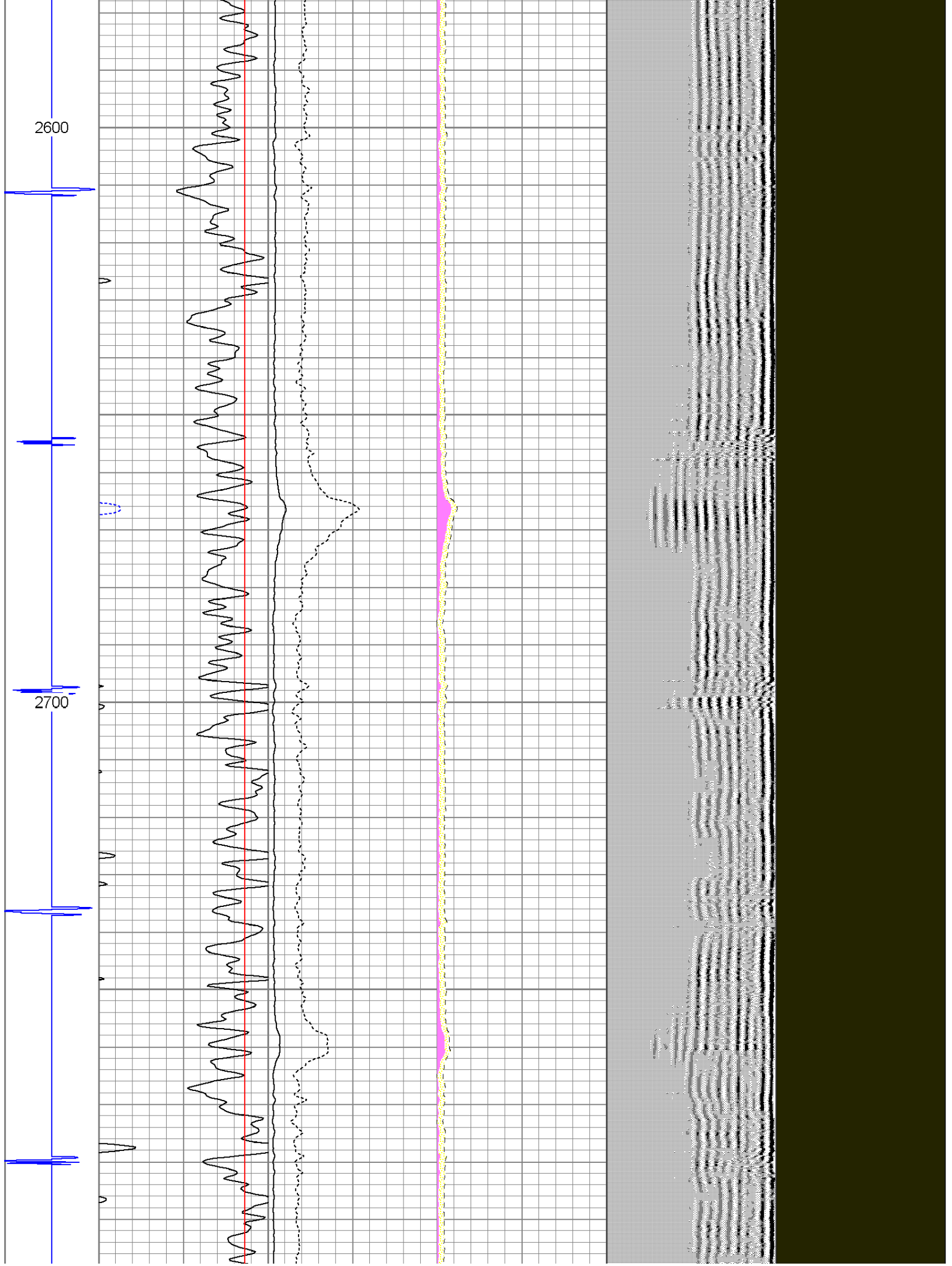


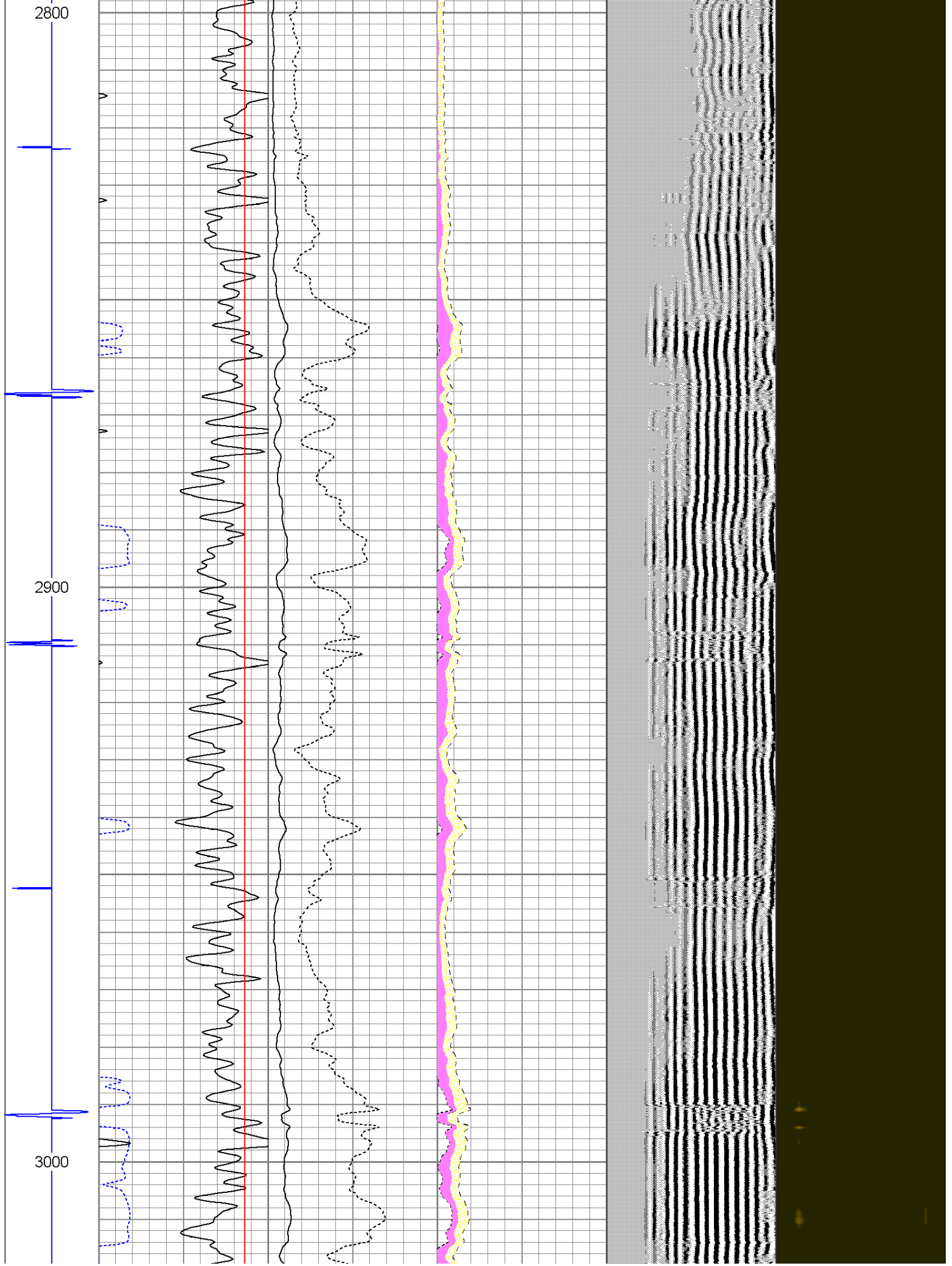


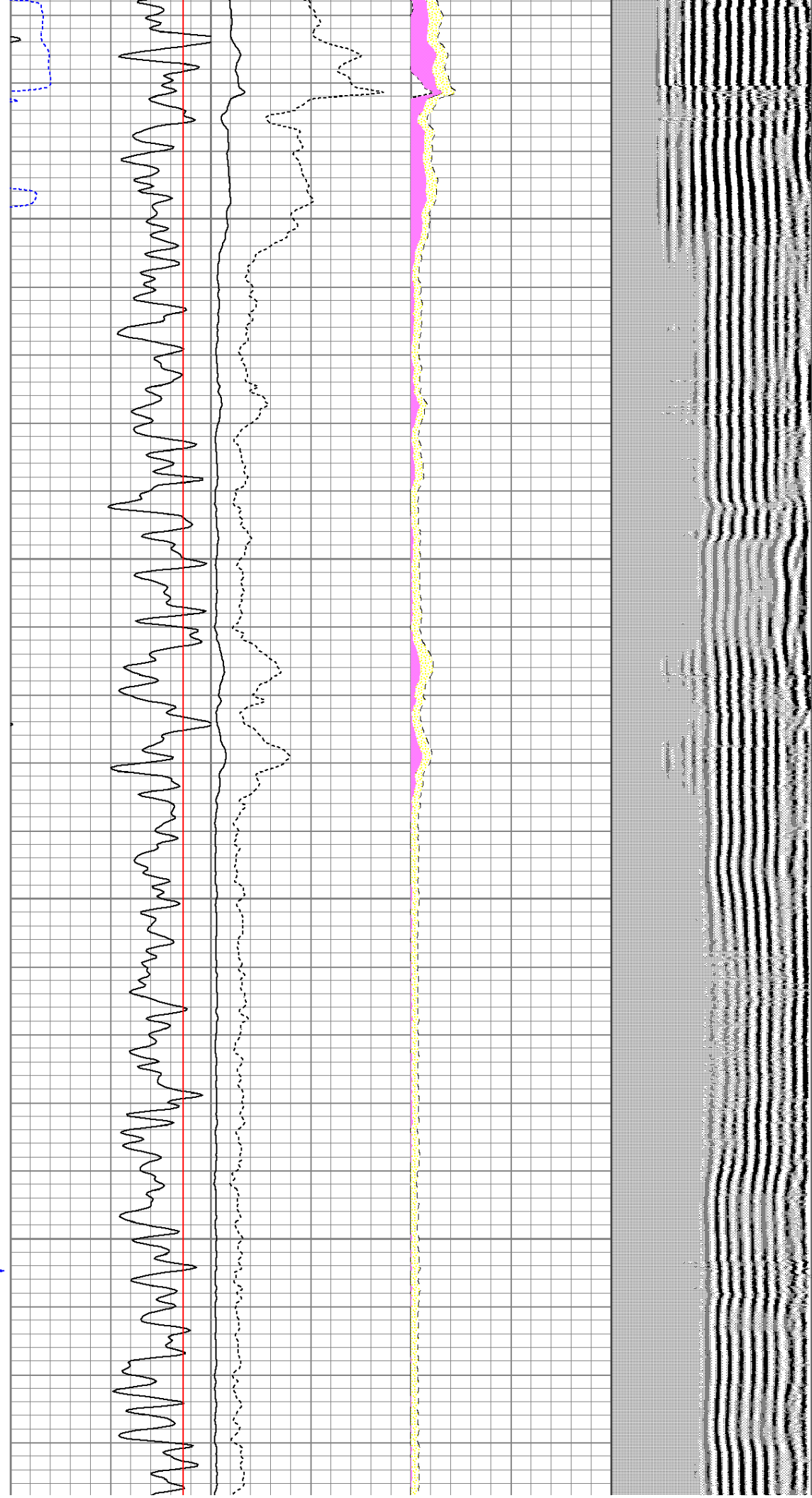
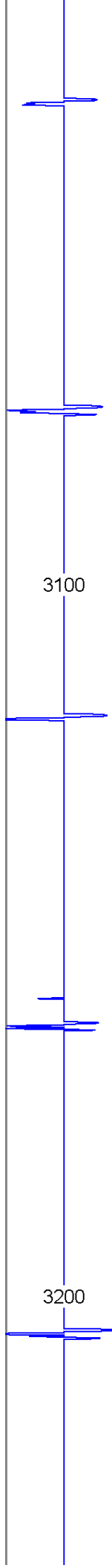


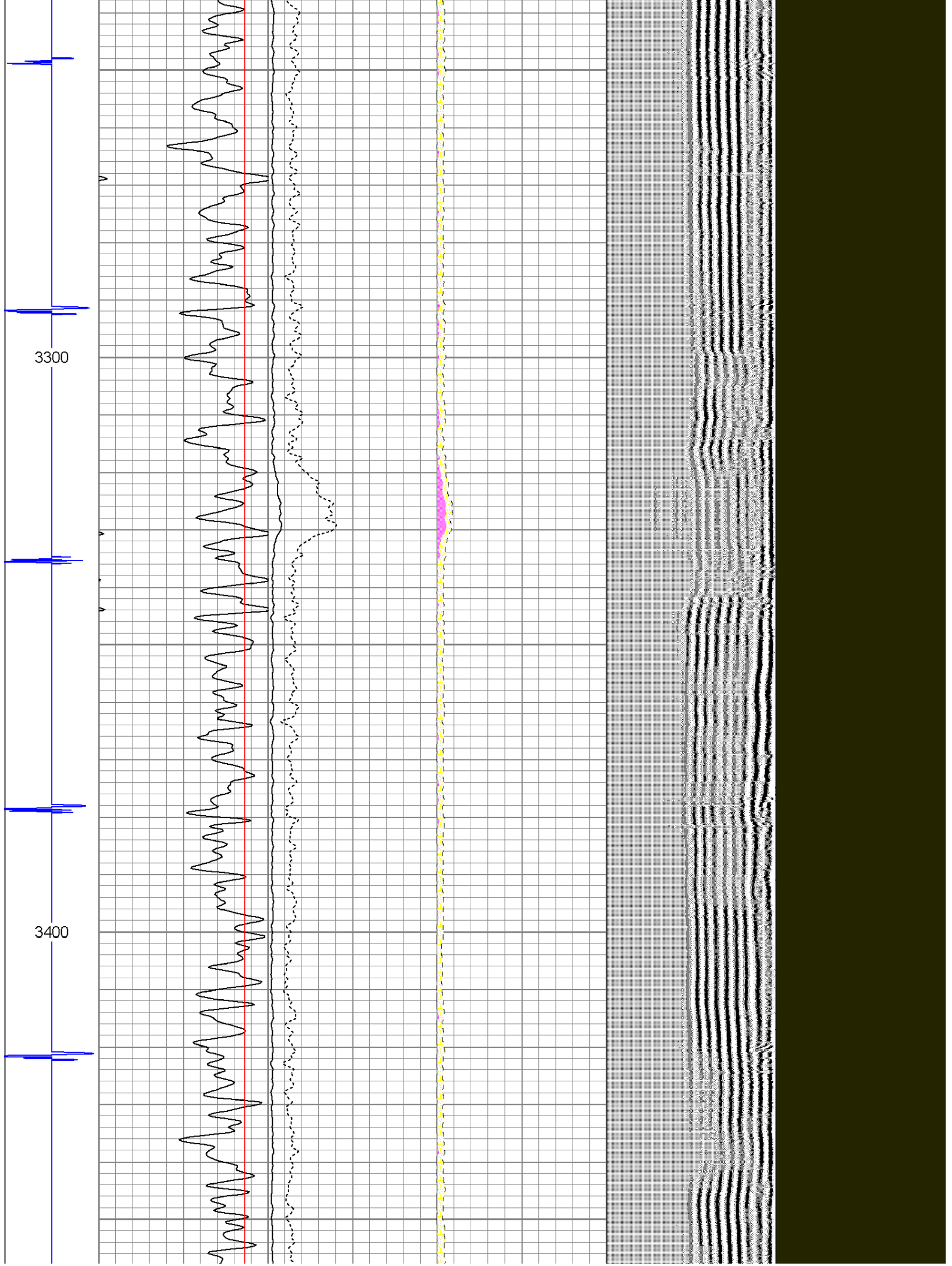


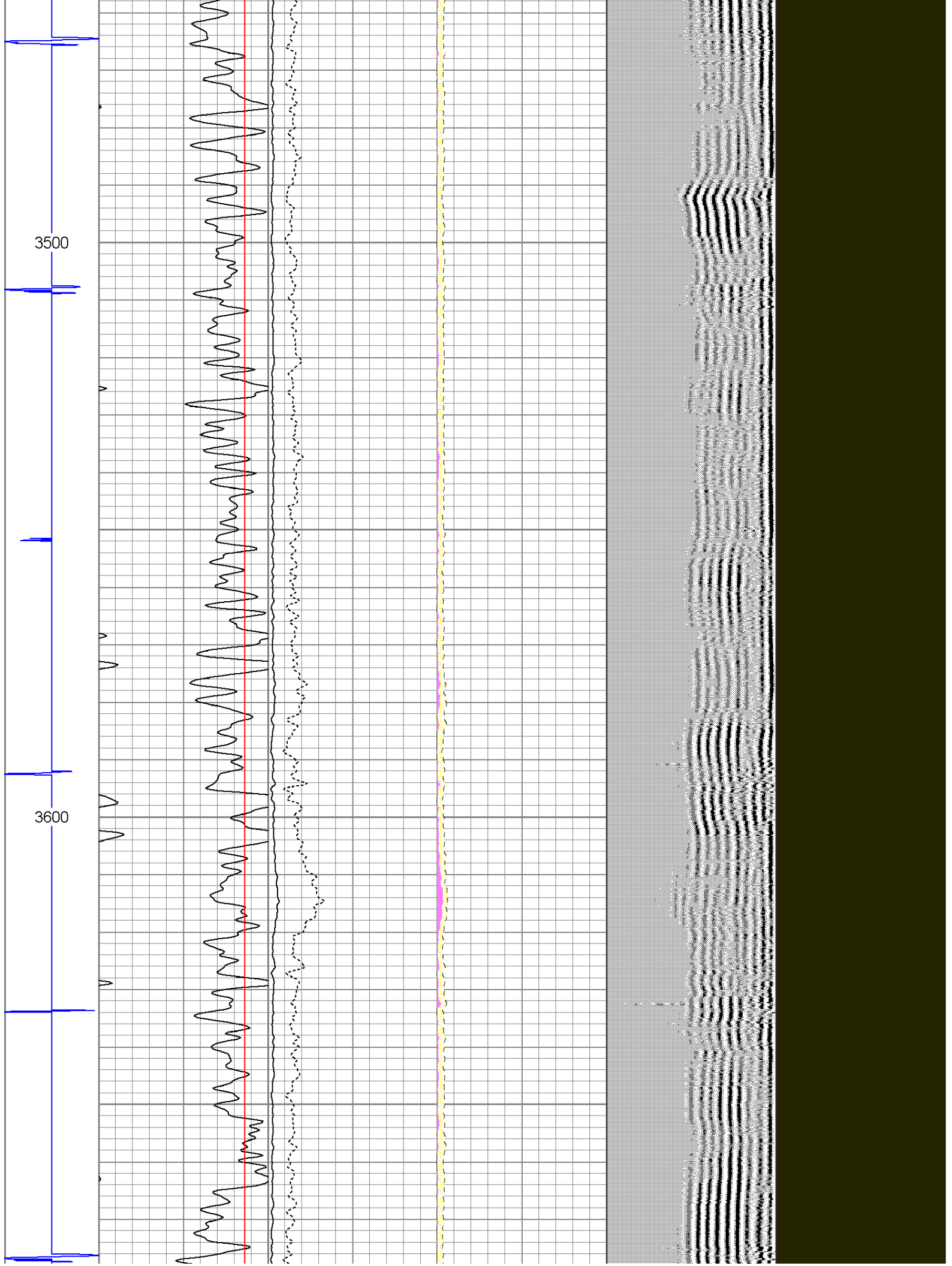


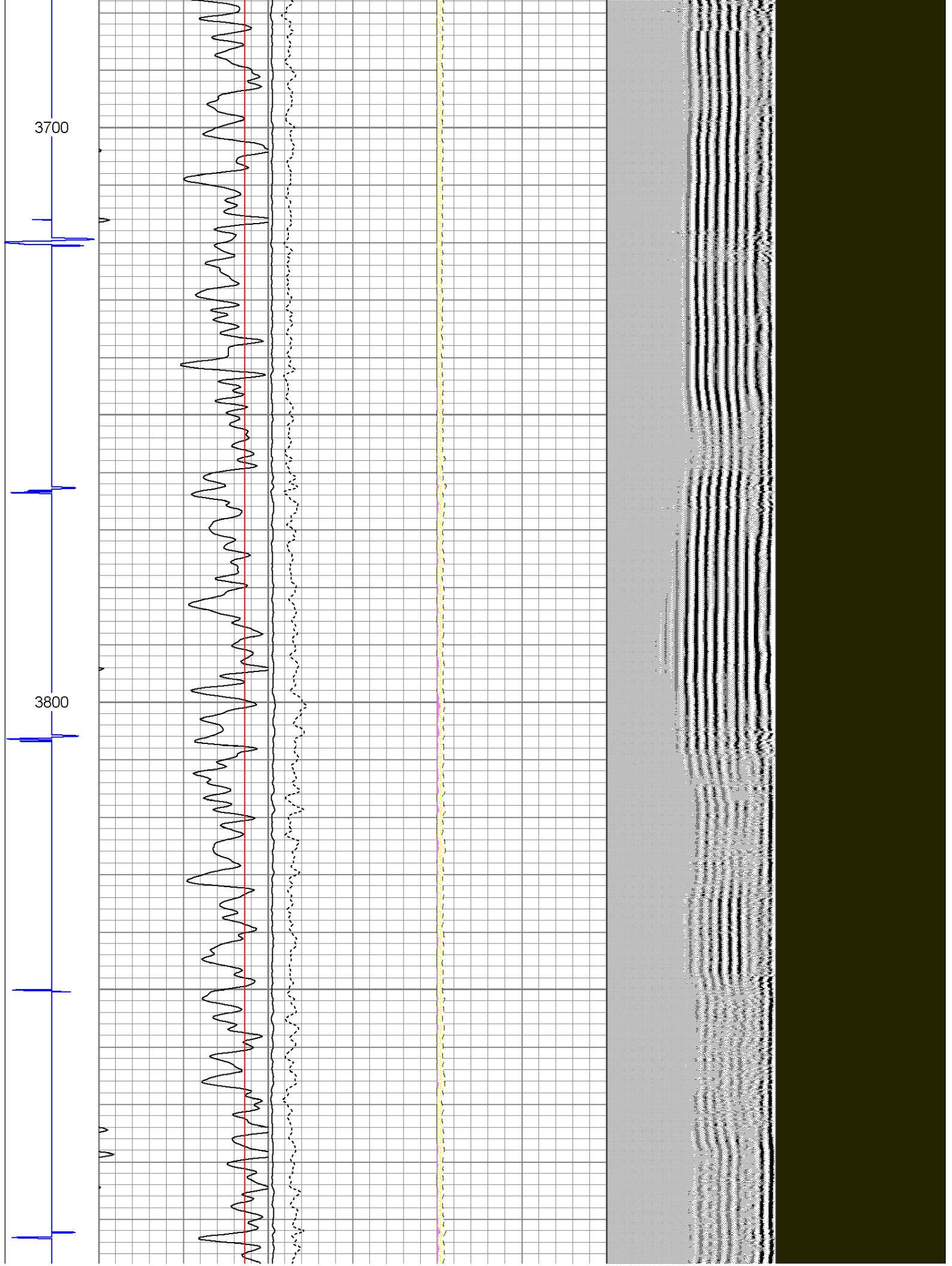


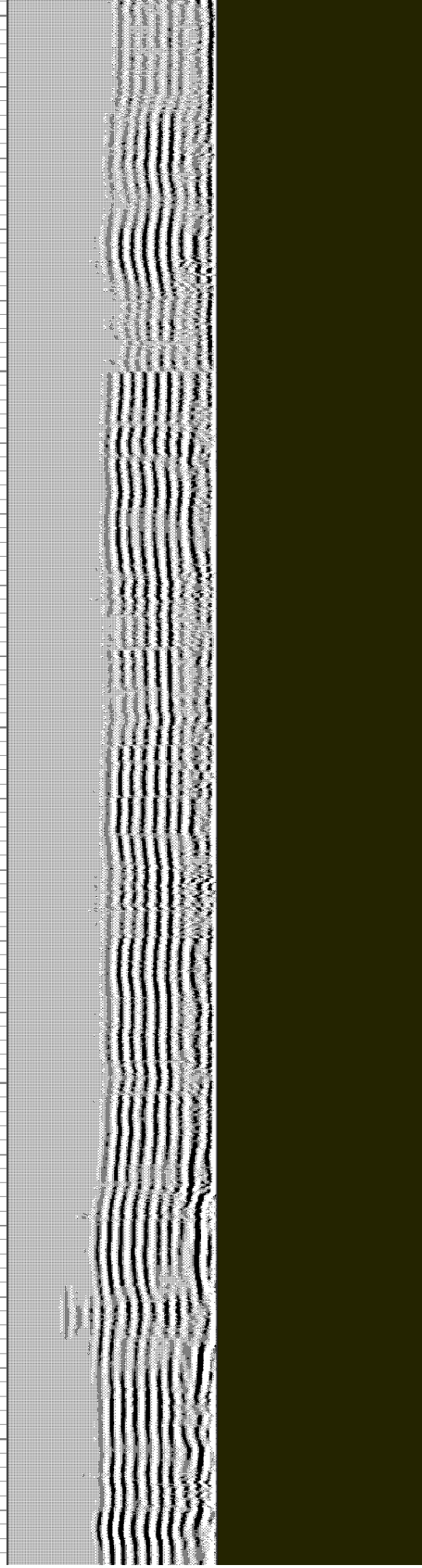
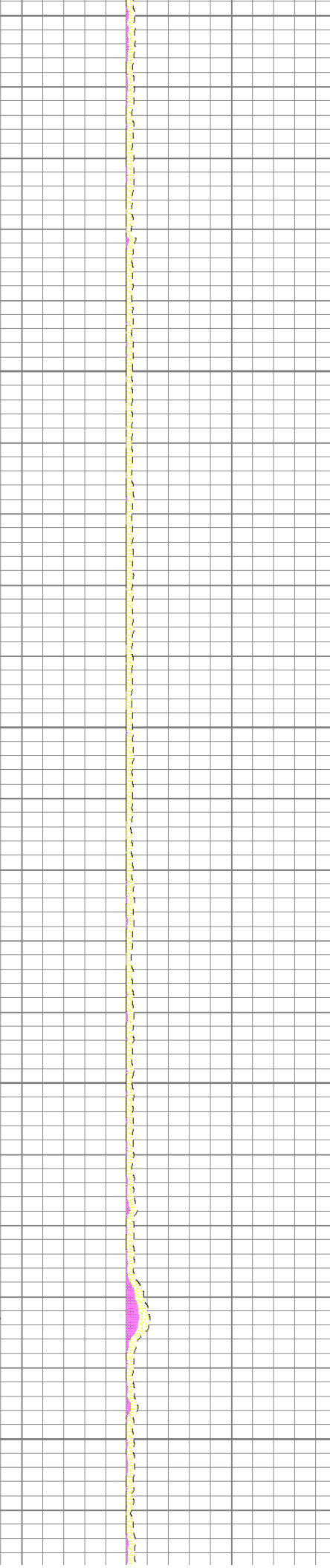
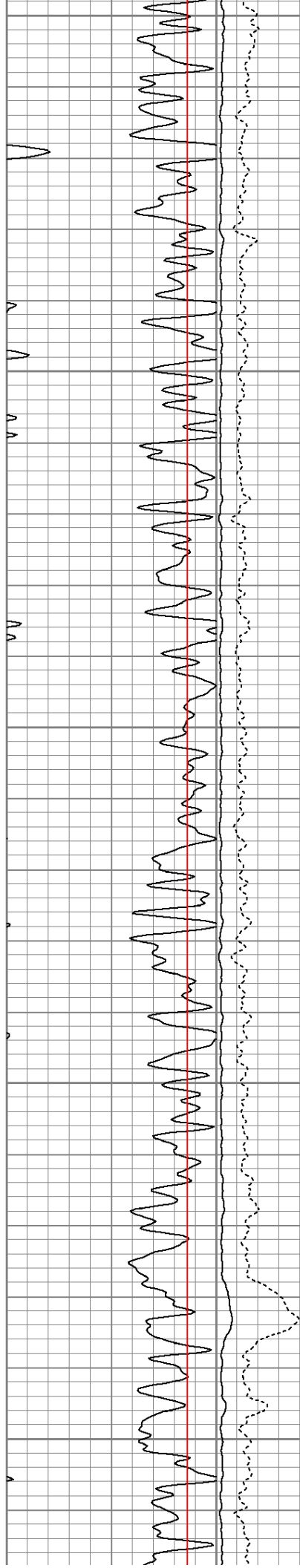
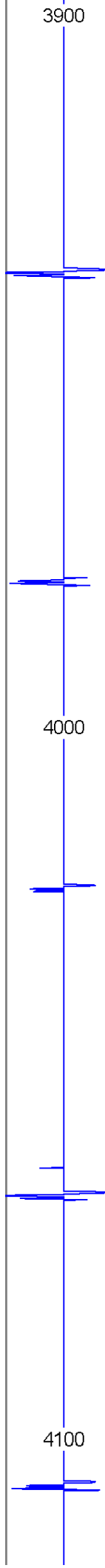


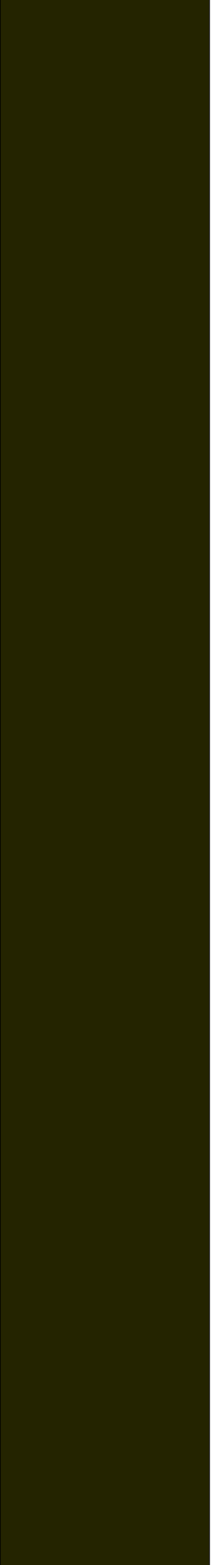
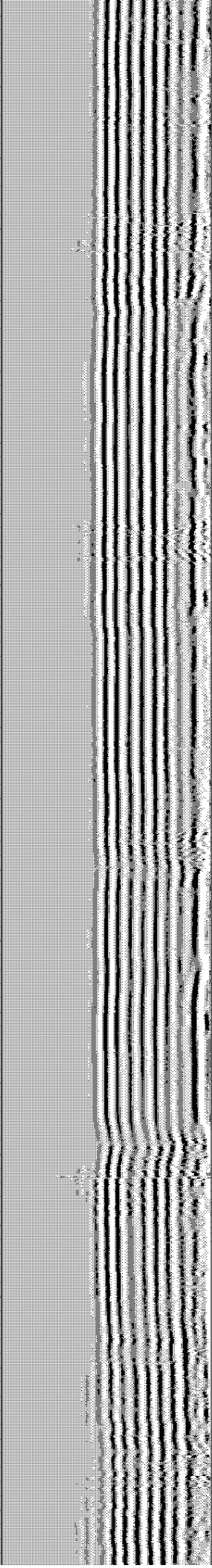
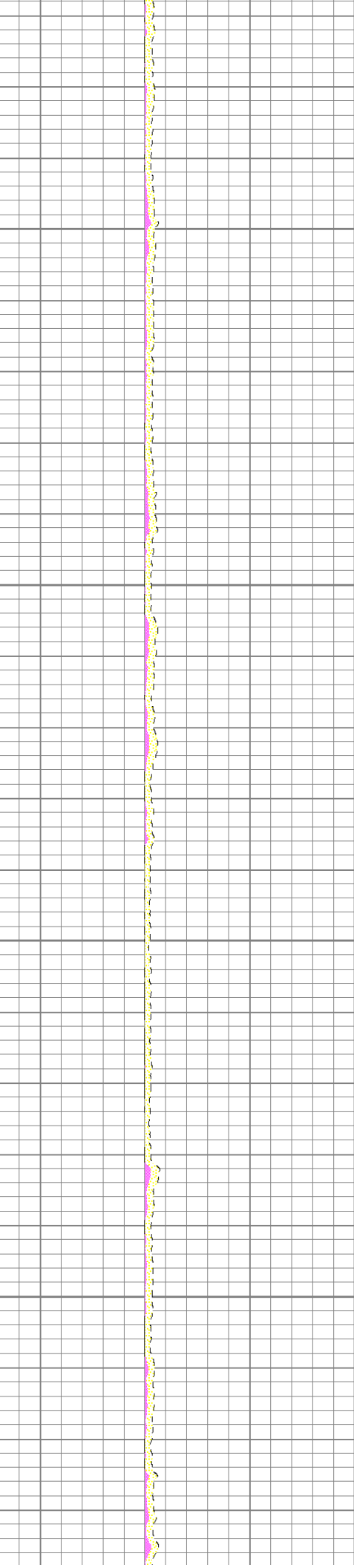
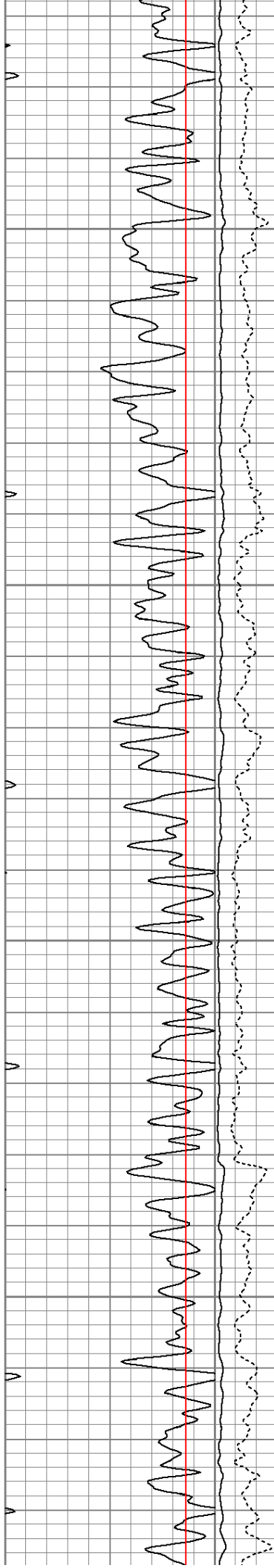
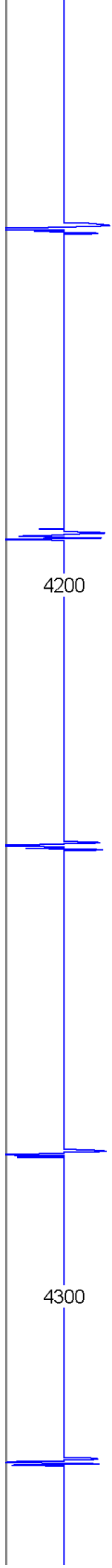


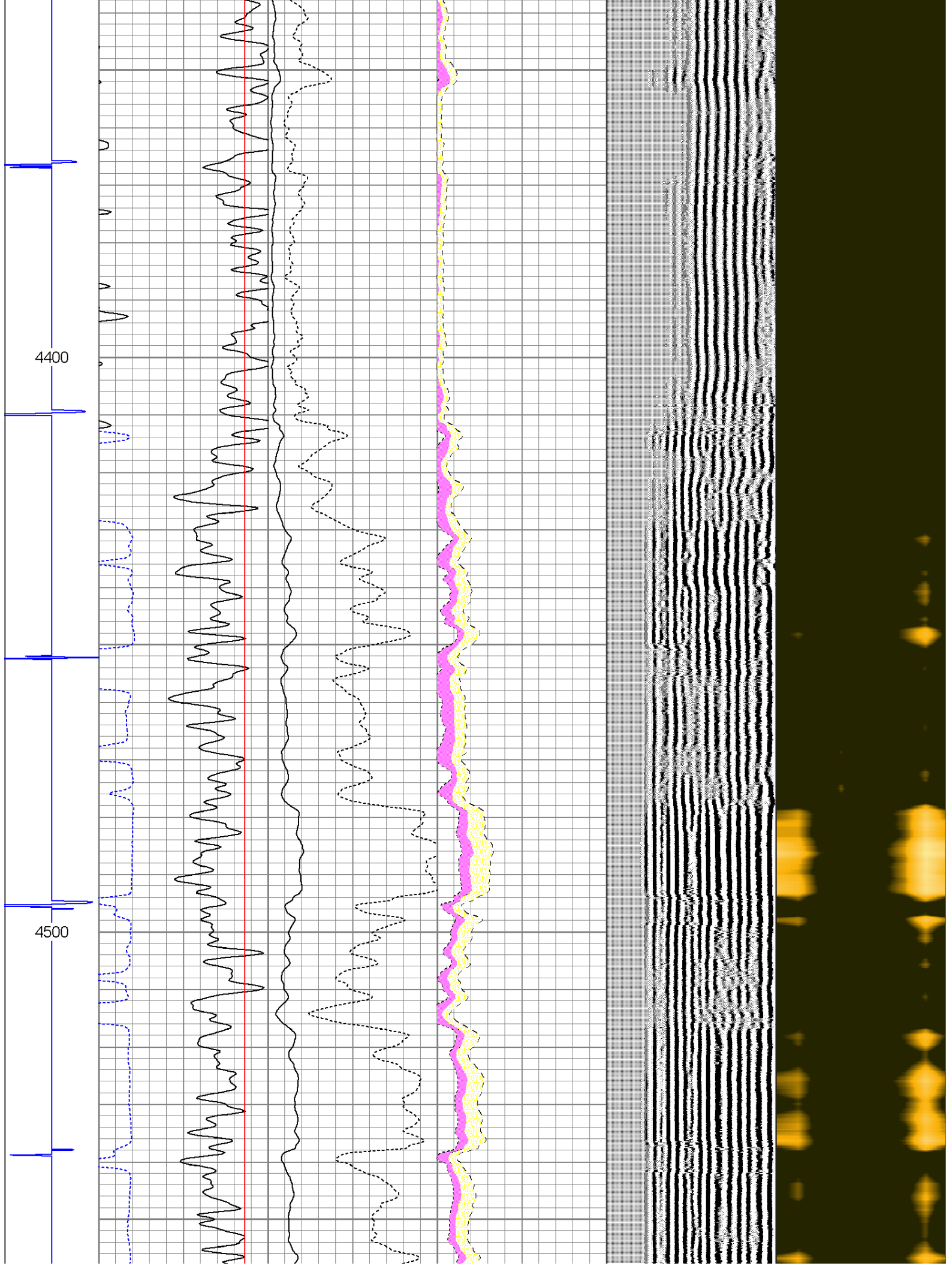


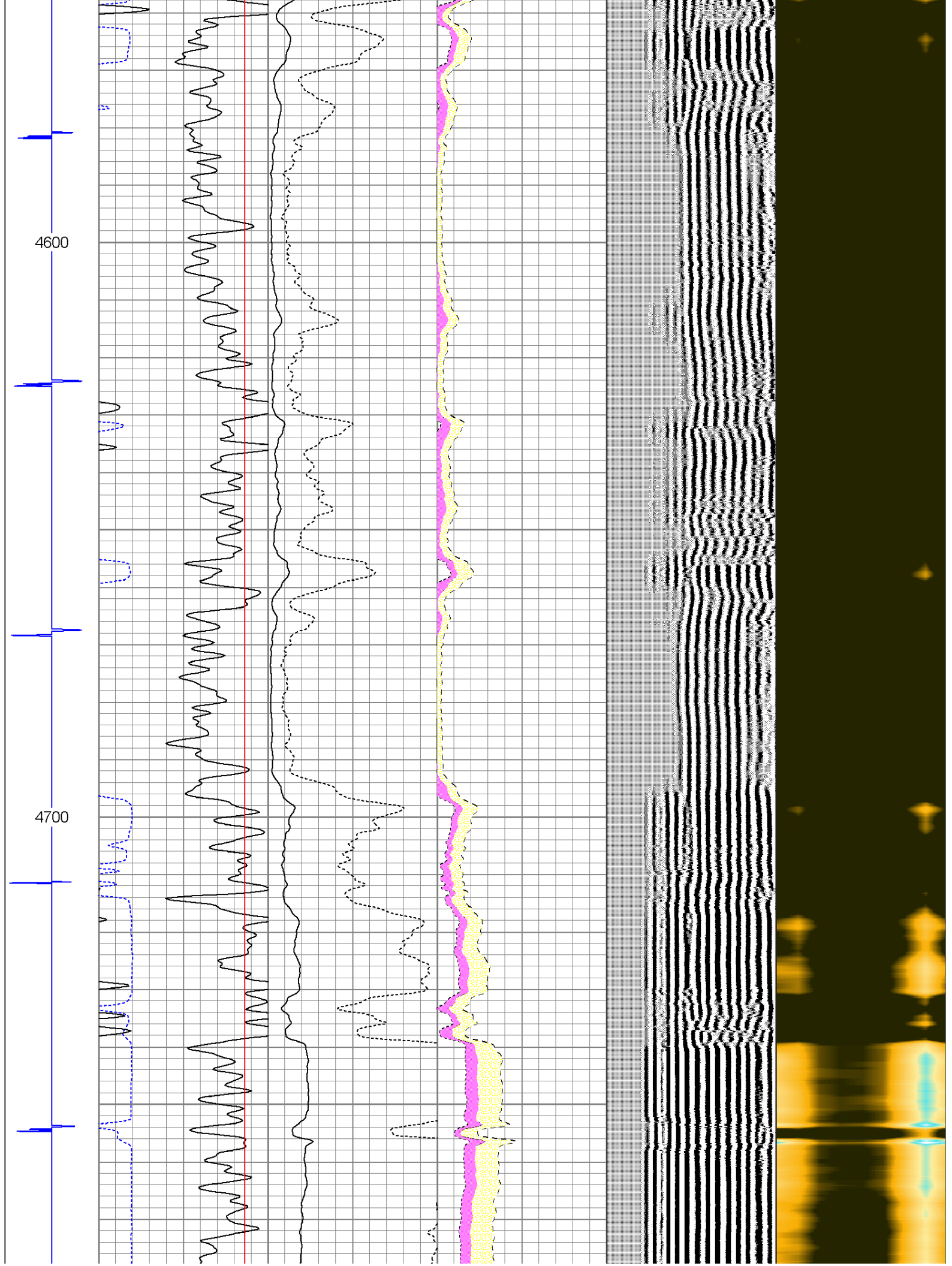


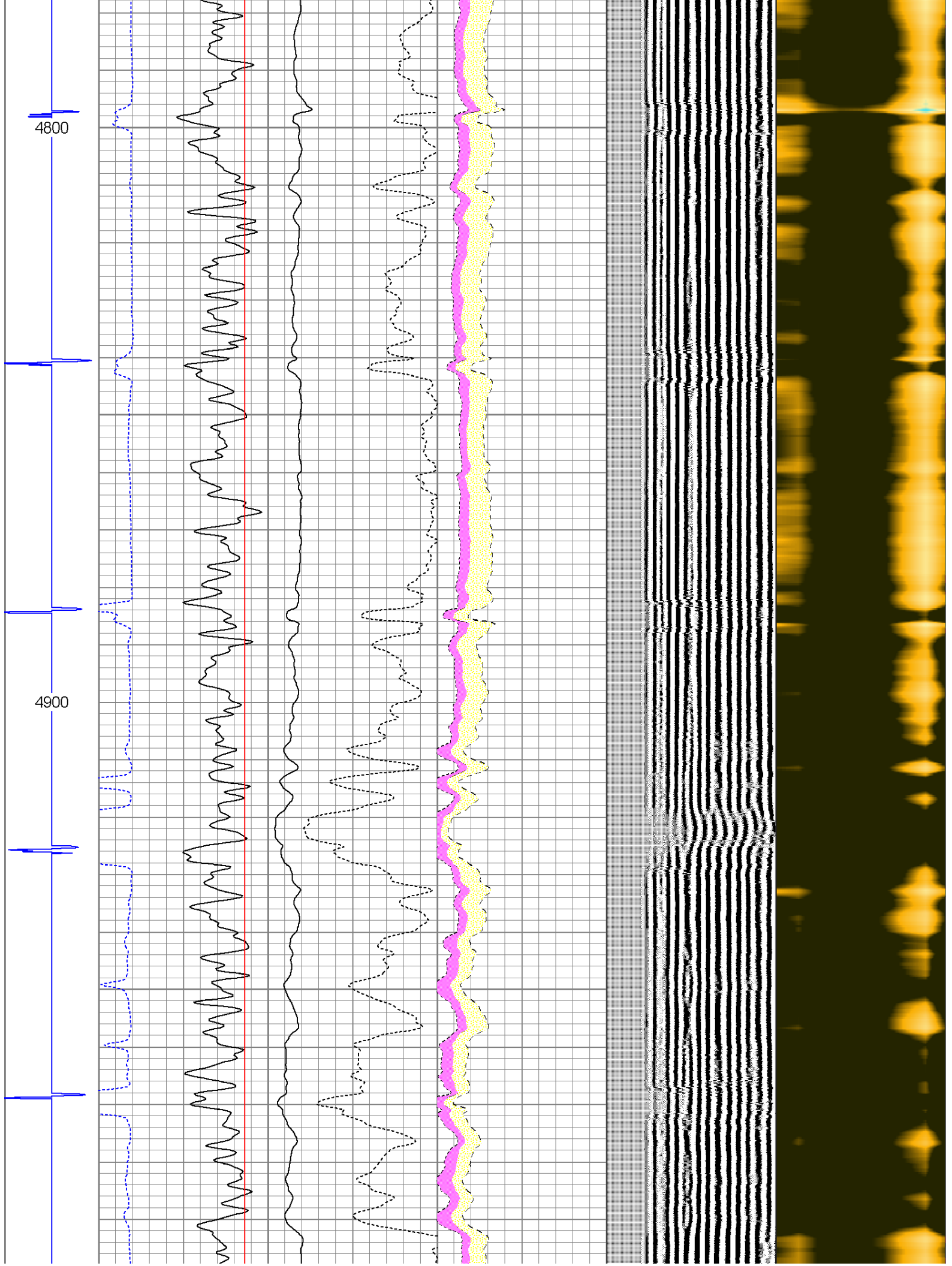


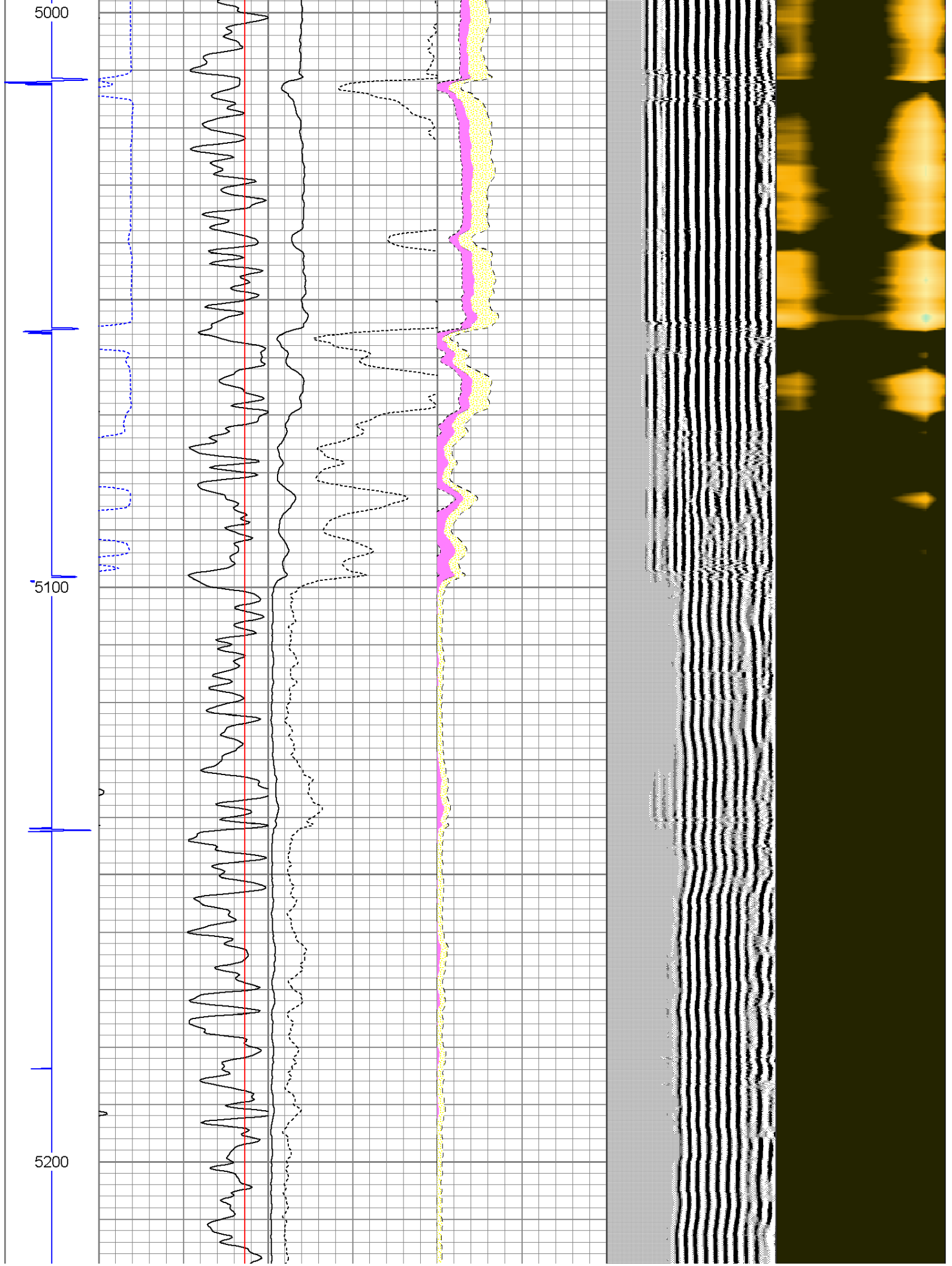












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